

LASER SURGERY DEVICE FOR CORNEAL KERATOMY - USES LIGHT STOP LIMITING INCIDENCE ZONE OF UV LASER

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Abstract: DE 3523340 A

The device uses the UV laser imaged onto the tissue to be incised with the light stop (4) in the path of the laser beam for limiting the area to be treated. The light stop (4) is inserted between two convergent optical elements (3,5) providing a telecentric device.

Pref. an element (8) is inserted between the light stop (4) and the second optical element (5) for rotation of the laser beam about the optical axis (S'). The rotational element (8) comprises a 2-part prism with input and output surfaces perpendicular to the optical axis (S').

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